



Fohhn
colors of sound

Datasheet

Integrato IG-104



100V

Integrato IG-104



The IG-104 is a frameless, 2-way ceiling loudspeaker. With its extremely homogeneous and exceptionally wide 180° dispersion pattern, it ensures even and natural sound distribution throughout the room. Thanks to its flat, magnetically attached front grille and shallow installation depth, the loudspeaker can be discreetly integrated into ceilings. It is compatible with the ceiling cut-outs of the previous model IG-100. A switch enables flexible operation in both low-impedance and 100-volt systems.

- 4" woofer with 0.7" tweeter
- Integrated crossover with tweeter protection
- Maximum mounting depth of 99.5 mm
- Integrated 100-V transformer with 5-position switch (16 Ω; 100 V (30 / 15 / 7.5 W); off)
- ring stud for safety on the rear of the enclosure
- To ensure optimal performance and operational reliability, Fohhn system amplifiers including the correct speaker preset are required.

Available with the following color options



Black



White



Equipped with the following Fohhn technologies



100 V Technology

Technical data

Physical features

enclosure	steel fire dome
depth	103 mm
diameter	194 mm
installation depth	99.5 mm
weight	1.5 kg
front design	front grille with acoustically transparent 3D mesh fabric behind it
standard colors	black (RAL 9005), white (RAL 9016)
coating	powder coated
connectors	2 × 2-pin terminal block (for flexible and rigid conductors up to 3.3 mm ²)
mounting points	3 × rotating mounting clamp
ring stud for safety	yes

Electroacoustic features

acoustic design	frameless ceiling loudspeaker, 2-way
components	4" coated long excursion chassis / 0,75" tweeter with self-resetting HF protection, fully neodymium
power rating (nominal)	50 W
power rating (program)	100 W
power rating (peak)	200 W
transformer options, power rating 100 V at 100%	30 W
transformer options, power rating 100 V at 50%	15 W
transformer options, power rating 100 V at 25%	7.5 W
nominal impedance	16 Ω
sensitivity	85 dB
SPLmax	108 dB
frequency range	80 Hz - 20 kHz
nominal dispersion (h × v)	180 ° × 180 °

Environmental conditions

IP code	IP54
operating temperature	0 °C - 40 °C

Optional features

special colors	Pantone, RAL Classic, NCS, RAL Design, other color systems on request
100-V transformer	yes

CAAD simulation data

simulation data	EASE, CLF, Fohhn Designer
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weight: net weight without optional equipment

IP code: according to IEC 60529/ EN 60529

power rating (program): according to IEC 60268-5 (short term)

power rating (nominal): according to IEC 60268-5 (long term)

power rating (peak): peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range

sensitivity: 2.83 V at 8 Ω (2 V at 4 Ω , 4 V at 16 Ω) at a distance of 1 m under anechoic half-space conditions

SPLmax: peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range

frequency range: -10 dB under anechoic half-space conditions

nominal dispersion: -6 dB compared to the main dispersion axis, averaged 1 - 4 k

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